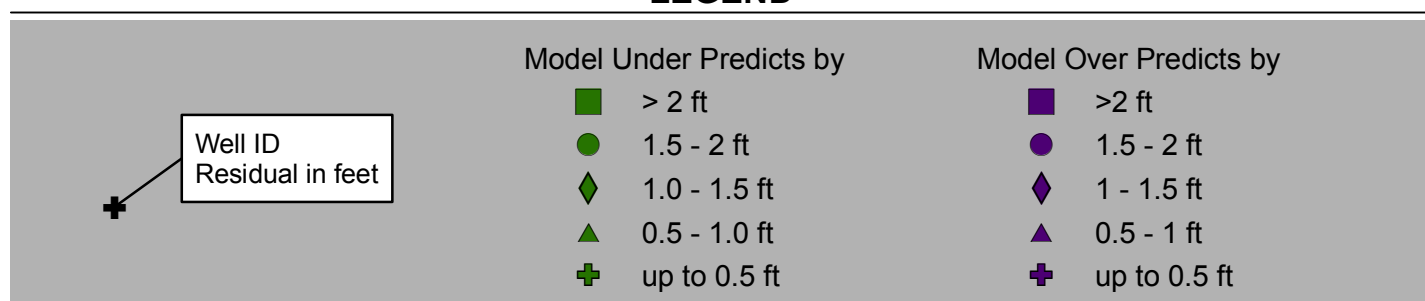


Note:

1. Simulated heads from MODFLOW groundwater flow model compared to measured heads obtained on July 6-8, 2005.
2. Basemap from: "Remedial Investigation/ Feasibility Study Report Sauget Area 2", URS Corporation, St. Louis, Missouri, January 30, 2004.
3. The residual value plotted is the difference between simulated and measured values. Positive residuals indicate model overestimation while negative residuals indicate model underestimation.

LEGEND



| | |
|--|---|
| GSI Job No. <div style="text-align: center;">G-2935</div> | Drawn By: <div style="text-align: center;">SKF/CDM</div> |
| Issued: <div style="text-align: center;">22-Feb-08</div> | Reviewed By: <div style="text-align: center;">CJN</div> |
| Revised: <div style="text-align: center;">--</div> | Approved By: <div style="text-align: center;">CJN</div> |
| Scale: <div style="text-align: center;">As Shown</div> | <div style="text-align: center;">FIGURE 44</div> |

Spatial Correlation Between Simulated and Measured Water Levels

Middle Hydrogeologic Unit (Layer 2 in Model)

REGIONAL GROUNDWATER FATE AND TRANSPORT MODEL
American Bottoms Aquifer